

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20020522  
Last Updated on STN: 20020522

=> D 2

L11 ANSWER 2 OF 46 MEDLINE  
AN 2002222497 IN-PROCESS  
DN 21956094 PubMed ID: 11959459  
TI Oxidative stress increases internal calcium stores and reduces a key mitochondrial enzyme.  
AU Gibson Gary E; Zhang Hui; Xu Hui; Park Larry C H; Jeitner Thomas M  
CS Cornell University Medical College at Burke Medical Research Institute, 785 Mamaroneck Avenue, 10605, White Plains, NY, USA.  
SO BIOCHIMICA ET BIOPHYSICA ACTA, (2002 Mar 16) 1586 (2) 177-89.  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20020418  
Last Updated on STN: 20020418

=> D 3

L11 ANSWER 3 OF 46 MEDLINE  
AN 2002198596 IN-PROCESS  
DN 21929548 PubMed ID: 11933094  
TI Evidence of complete hydrophobic coating of **bombesin** by trifluoroethanol in aqueous solution: an NMR spectroscopic and molecular dynamics study.  
AU Diaz M Dolores; Fioroni M; Burger K; Berger Stefan  
CS Institut fur Analytische Chemie, Universitat Leipzig Linnestrasse 3, 04103 Leipzig (Germany).  
SO CHEMISTRY, (2002 Apr 2) 8 (7) 1663-9.  
Journal code: 9513783. ISSN: 0947-6539.  
CY Germany: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20020405  
Last Updated on STN: 20020405

=> D 4

L11 ANSWER 4 OF 46 MEDLINE  
AN 2002162770 MEDLINE  
DN 21846029 PubMed ID: 11855861  
TI Clofibrate-induced relocation of phosphatidylcholine transfer protein to mitochondria in endothelial cells.  
AU de Brouwer A P M; Westerman J; Kleinnijenhuis A; Bevers L E; Roelofsen B; Wirtz K W A  
CS Department of Biochemistry of Lipids, Institute of Biomembranes, Padualaan 8, Utrecht, 3584 CH, The Netherlands.. a.p.m.debrouwer@chem.uu.nl  
SO EXPERIMENTAL CELL RESEARCH, (2002 Mar 10) 274 (1) 100-11.  
Journal code: 0373226. ISSN: 0014-4827.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
EM 200204  
ED Entered STN: 20020317  
Last Updated on STN: 20020419  
Entered Medline: 20020418

=> D 5

L11 ANSWER 5 OF 46 MEDLINE  
AN 2001496636 MEDLINE  
DN 21413871 PubMed ID: 11410587  
TI Rapid protein kinase D translocation in response to G protein-coupled receptor activation. Dependence on protein kinase C.  
AU Rey O; Young S H; Cantrell D; Rozengurt E  
CS Unit of Signal Transduction and Gastrointestinal Cancer, Department of Medicine, UCLA School of Medicine, Los Angeles, California 90095, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Aug 31) 276 (35) 32616-26.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200110  
ED Entered STN: 20010910  
Last Updated on STN: 20011022  
Entered Medline: 20011018

=> D 6

L11 ANSWER 6 OF 46 MEDLINE  
AN 2001128411 MEDLINE  
DN 21012683 PubMed ID: 11127929  
TI **Bombesin**-like peptides: studies on food intake and social behaviour with receptor knock-out mice.  
AU Yamada K; Wada E; Wada K  
CS Department of Degenerative Neurological Diseases, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Kodaira-City, Tokyo, Japan.. yamada@ncnp.go.jp  
SO ANNALS OF MEDICINE, (2000 Nov) 32 (8) 519-29. Ref: 107  
Journal code: 8906388. ISSN: 0785-3890.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200103  
ED Entered STN: 20010404  
Last Updated on STN: 20010404  
Entered Medline: 20010301

=> D 7

L11 ANSWER 7 OF 46 MEDLINE  
AN 2001112684 MEDLINE  
DN 20576393 PubMed ID: 11013243  
TI Tyrosine 220 in the 5th transmembrane domain of the neuromedin B receptor is critical for the high selectivity of the peptoid antagonist PD168368.  
AU Tokita K; Hocart S J; Katsuno T; Mantey S A; Coy D H; Jensen R T  
CS Digestive Diseases Branch, NIDDK, National Institutes of Health, Bethesda, Maryland 20892-1804, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jan 5) 276 (1) 495-504.

Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200102  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20010208

=> S (BOMBESIN OR ranatensin) AND LIGAND  
L12 253 (BOMBESIN OR RANATENSIN) AND LIGAND

=> DUP REM L12  
PROCESSING COMPLETED FOR L12  
L13 147 DUP REM L12 (106 DUPLICATES REMOVED)

=> S L13 AND POINT  
L14 2 L13 AND POINT

=> D 1

L14 ANSWER 1 OF 2 MEDLINE  
AN 2001112684 MEDLINE  
DN 20576393 PubMed ID: 11013243  
TI Tyrosine 220 in the 5th transmembrane domain of the neuromedin B receptor is critical for the high selectivity of the peptoid antagonist PD168368.  
AU Tokita K; Hocart S J; Katsuno T; Mantey S A; Coy D H; Jensen R T  
CS Digestive Diseases Branch, NIDDK, National Institutes of Health, Bethesda, Maryland 20892-1804, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jan 5) 276 (1) 495-504.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200102  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20010208

=> D 2

L14 ANSWER 2 OF 2 MEDLINE  
AN 88052687 MEDLINE  
DN 88052687 PubMed ID: 3916643  
TI Modulation of the epidermal growth factor receptor by mitogenic ligands: effects of **bombesin** and role of protein kinase C.  
AU Zachary I; Rozengurt E  
CS Imperial Cancer Research Fund, London, UK.  
SO CANCER SURVEYS, (1985) 4 (4) 729-65. Ref: 225  
Journal code: 8218015. ISSN: 0261-2429.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 198801  
ED Entered STN: 19900305  
Last Updated on STN: 20000303  
Entered Medline: 19880107

=> D 2

L14 ANSWER 2 OF 2 MEDLINE  
AN 88052687 MEDLINE  
DN 88052687 PubMed ID: 3916643  
TI Modulation of the epidermal growth factor receptor by mitogenic ligands: effects of **bombesin** and role of protein kinase C.  
AU Zachary I; Rozengurt E  
CS Imperial Cancer Research Fund, London, UK.  
SO CANCER SURVEYS, (1985) 4 (4) 729-65. Ref: 225  
Journal code: 8218015. ISSN: 0261-2429.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 198801  
ED Entered STN: 19900305  
Last Updated on STN: 20000303  
Entered Medline: 19880107

=> S L13 AND MUTATION

L15 4 L13 AND MUTATION

=> D 1

L15 ANSWER 1 OF 4 MEDLINE  
AN 2001112684 MEDLINE  
DN 20576393 PubMed ID: 11013243  
TI Tyrosine 220 in the 5th transmembrane domain of the neuromedin B receptor is critical for the high selectivity of the peptoid antagonist PD168368.  
AU Tokita K; Hocart S J; Katsuno T; Mantey S A; Coy D H; Jensen R T  
CS Digestive Diseases Branch, NIDDK, National Institutes of Health, Bethesda, Maryland 20892-1804, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jan 5) 276 (1) 495-504.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200102  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20010208

=> D 2

L15 ANSWER 2 OF 4 MEDLINE  
AN 2000459916 MEDLINE  
DN 20411475 PubMed ID: 10953054  
TI Characterization of gastrin-releasing peptide and its receptor aberrantly expressed by human colon cancer cell lines.  
AU Carroll R E; Ostrovskiy D; Lee S; Danilkovich A; Benya R V  
CS Department of Medicine, University of Illinois at Chicago and Chicago Veterans Administration Medical Center (West Side Division), Chicago, Illinois 60612, USA.  
NC CA80360 (NCI)  
DK51168 (NIDDK)  
SO MOLECULAR PHARMACOLOGY, (2000 Sep) 58 (3) 601-7.  
Journal code: 0035623. ISSN: 0026-895X.  
CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200009  
ED Entered STN: 20001005  
Last Updated on STN: 20001005  
Entered Medline: 20000925

=> D 3

L15 ANSWER 3 OF 4 MEDLINE  
AN 95355382 MEDLINE  
DN 95355382 PubMed ID: 7629092  
TI Influence of second and third cytoplasmic loops on binding,  
internalization, and coupling of chimeric **bombesin**/m3 muscarinic  
receptors.  
AU Tseng M J; Coon S; Stuenkel E; Struk V; Logsdon C D  
CS Department of Physiology, University of Michigan, Ann Arbor 48109-0622,  
USA.  
NC DK41350 (NIDDK)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jul 28) 270 (30) 17884-91.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199509  
ED Entered STN: 19950921  
Last Updated on STN: 19970203  
Entered Medline: 19950905

=> D 4

L15 ANSWER 4 OF 4 MEDLINE  
AN 95021129 MEDLINE  
DN 95021129 PubMed ID: 7935330  
TI Internalization of the gastrin-releasing peptide receptor is mediated by  
both phospholipase C-dependent and -independent processes.  
AU Benya R V; Akeson M; Mrozinski J; Jensen R T; Battey J F  
CS Digestive Diseases Branch, National Institute of Diabetes and Digestive  
and Kidney Diseases, National Institutes of Health, Bethesda, Maryland  
20892.  
SO MOLECULAR PHARMACOLOGY, (1994 Sep) 46 (3) 495-501.  
Journal code: 0035623. ISSN: 0026-895X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199411  
ED Entered STN: 19941222  
Last Updated on STN: 19980206  
Entered Medline: 19941110

=> S GASTRIC AND PEPTIDES AND MUTATION

L16 18 GASTRIC AND PEPTIDES AND MUTATION

=> DUP REM L16

PROCESSING COMPLETED FOR L16

L17 13 DUP REM L16 (5 DUPLICATES REMOVED)

=> D 1

L17 ANSWER 1 OF 13 MEDLINE  
 AN 2001210200 MEDLINE  
 DN 21195251 PubMed ID: 11298755  
 TI A basic residue at position 36p of the propeptide is not essential for the correct folding and subsequent autocatalytic activation of prochymosin.  
 AU Francky A; Francky B M; Strukelj B; Gruden K; Ritonja A; Krizaj I; Kregar I; Pain R H; Pungercar J  
 CS Department of Biochemistry and Molecular Biology, Jozef Stefan Institute, Ljubljana, Slovenia.  
 SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (2001 Apr) 268 (8) 2362-8.  
 Journal code: 0107600. ISSN: 0014-2956.  
 CY Germany; Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AF125565; GENBANK-AF125566; GENBANK-AF125567  
 EM 200105  
 ED Entered STN: 20010604  
 Last Updated on STN: 20010604  
 Entered Medline: 20010531

=> D 2

L17 ANSWER 2 OF 13 MEDLINE  
 AN 2000472264 MEDLINE  
 DN 20440596 PubMed ID: 10982763  
 TI Somatic mutations of the trefoil factor family 1 gene in **gastric** cancer.  
 AU Park W S; Oh R R; Park J Y; Lee J H; Shin M S; Kim H S; Lee H K; Kim Y S; Kim S Y; Lee S H; Yoo N J; Lee J Y  
 CS Department of Pathology and Genetic Oncology Laboratory, College of Medicine, The Catholic University of Korea, Seoul, Korea.  
 SO GASTROENTEROLOGY, (2000 Sep) 119 (3) 691-8.  
 Journal code: 0374630. ISSN: 0016-5085.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 200009  
 ED Entered STN: 20001012  
 Last Updated on STN: 20001012  
 Entered Medline: 20000929

=> D 3

L17 ANSWER 3 OF 13 MEDLINE DUPLICATE 1  
 AN 2000223321 MEDLINE  
 DN 20223321 PubMed ID: 10756356  
 TI Cell surface expression of HFE protein in epithelial cells, macrophages, and monocytes.  
 AU Parkkila S; Parkkila A K; Waheed A; Britton R S; Zhou X Y; Fleming R E; Tomatsu S; Bacon B R; Sly W S  
 CS Department of Anatomy and Cell Biology, University of Oulu, Box 5000, FIN-90401 Oulu, Finland.. seppo.parkkila@oulu.fi  
 NC DK40163 (NIDDK)  
 DK53405 (NIDDK)  
 GM34182 (NIGMS)  
 +  
 SO HAEMATOLOGICA, (2000 Apr) 85 (4) 340-5.  
 Journal code: 0417435. ISSN: 0390-6078.  
 CY Italy  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English

FS Priority Journals  
EM 200006  
ED Entered STN: 20000706  
Last Updated on STN: 20000706  
Entered Medline: 20000622

=> D 4

L17 ANSWER 4 OF 13 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AN 2000:172657 BIOSIS  
DN PREV2000000172657  
TI Transcription factor GATA-6 activates expression of gastroprotective  
trefoil genes TFF1 and TFF2.  
AU Al-azzeh, Ezzal-din; Fegert, Petra; Blin, Nikolaus; Goett, Peter (1)  
CS (1) Division of Molecular Genetics, Institute of Anthropology and Human  
Genetics, University of Tuebingen, Wilhelmstrasse 27, D-72074, Tuebingen  
Germany  
SO Biochimica et Biophysica Acta., (Feb. 29, 2000) Vol. 1490, No. 3, pp.  
324-332.  
ISSN: 0006-3002.  
DT Article  
LA English  
SL English

=> D 5

L17 ANSWER 5 OF 13 MEDLINE  
AN 1999289300 MEDLINE  
DN 99289300 PubMed ID: 10359643  
TI H,K-ATPase alpha subunit C-terminal membrane topology: epitope tags in the  
insect cell expression system.  
AU Smolka A J; Larsen K A; Schweinfest C W; Hammond C E  
CS Division of Gastroenterology and Hepatology, Department of Medicine, CSB  
916, Medical University of South Carolina, 171 Ashley Avenue, Charleston,  
SC 29425, USA.. smolkaa@musc.edu  
NC DK 43138 (NIDDK)  
SO BIOCHEMICAL JOURNAL, (1999 Jun 15) 340 ( Pt 3) 601-11.  
Journal code: 2984726R. ISSN: 0264-6021.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199908  
ED Entered STN: 19990816  
Last Updated on STN: 20000303  
Entered Medline: 19990802

=> D 6

L17 ANSWER 6 OF 13 MEDLINE DUPLICATE 2  
AN 1999111510 MEDLINE  
DN 99111510 PubMed ID: 9893169  
TI Carboxypeptidase E (CPE) deficiency in mice with the fat mutation  
have reduced stomach function.  
AU Gomez P; Hallberg L; Greeley G H Jr  
CS Department of Surgery, The University of Texas Medical Branch, Galveston,  
Texas 77555-0725, USA.  
NC PO1 DK35608 (NIDDK)  
RO1 DK15241 (NIDDK)  
SO PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE, (1999  
Jan) 220 (1) 52-3.  
Journal code: 7505892. ISSN: 0037-9727.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199902  
ED Entered STN: 19990216  
Last Updated on STN: 20000303  
Entered Medline: 19990204

=> D 7

L17 ANSWER 7 OF 13 MEDLINE  
AN 1998227648 MEDLINE  
DN 98227648 PubMed ID: 9568697  
TI Identification of glucagon-like peptide 1 (GLP-1) actions essential for glucose homeostasis in mice with disruption of GLP-1 receptor signaling.  
AU Scrocchi L A; Marshall B A; Cook S M; Brubaker P L; Drucker D J  
CS Department of Medicine, Toronto Hospital, University of Toronto, Ontario, Canada.  
NC DK-02339 (NIDDK)  
HD33688 (NICHD)  
SO DIABETES, (1998 Apr) 47 (4) 632-9.  
Journal code: 0372763. ISSN: 0012-1797.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 199805  
ED Entered STN: 19980514  
Last Updated on STN: 19980514  
Entered Medline: 19980507

=> D 8

L17 ANSWER 8 OF 13 MEDLINE DUPLICATE 3  
AN 97371267 MEDLINE  
DN 97371267 PubMed ID: 9227492  
TI Temporal expression of trefoil **peptides** in the TGF-alpha knockout mouse after **gastric** ulceration.  
AU Cook G A; Yeomans N D; Giraud A S  
CS Department of Medicine, University of Melbourne at Western Hospital, Footscray, Australia.  
SO AMERICAN JOURNAL OF PHYSIOLOGY, (1997 Jun) 272 (6 Pt 1) G1540-9.  
Journal code: 0370511. ISSN: 0002-9513.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199708  
ED Entered STN: 19970902  
Last Updated on STN: 19970902  
Entered Medline: 19970818

=> D 9

L17 ANSWER 9 OF 13 MEDLINE DUPLICATE 4  
AN 97344717 MEDLINE  
DN 97344717 PubMed ID: 9201084  
TI Inhibition of parietal cell acid secretion is mediated by the classical epidermal growth factor receptor.  
AU Joshi V; Ray G S; Goldenring J R  
CS Augusta Veterans Affairs Medical Center, Georgia, USA.